

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035030.D
 Acq On : 14 May 2020 21:35
 Operator : SY/AP
 Sample : L2566-07DL 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-OFF-SITEDL

Manual Integrations
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Quant Time: May 15 05:19:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1186540	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2764951	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2623724	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2155341	10.15	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.53	61	11911m	0.107	ppbv	
38) Trichloroethene	7.83	130	195398	2.213	ppbv	96
52) Tetrachloroethene	11.24	164	494901	6.106	ppbv	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

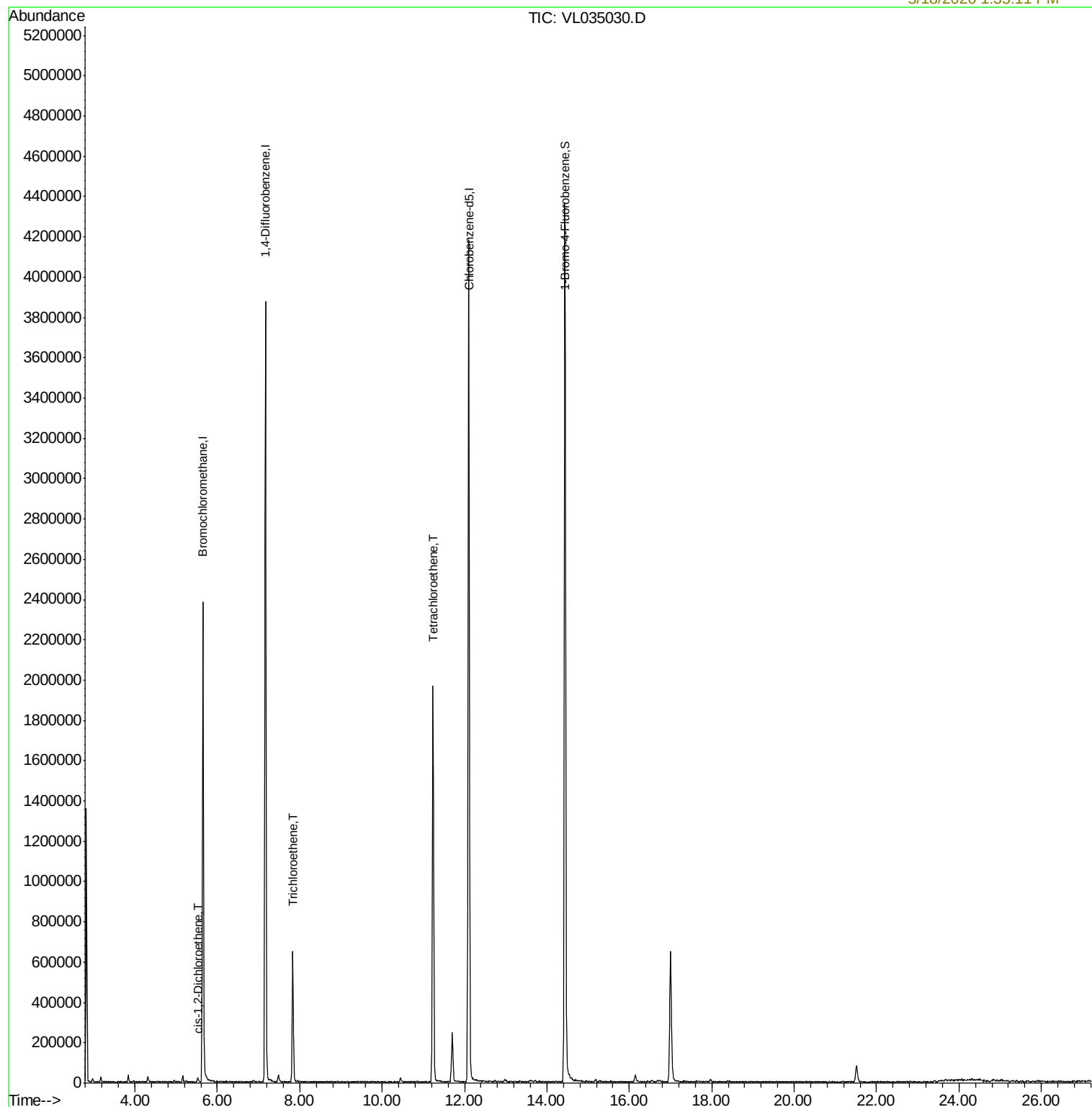
Instrument :
MSVOA_L
ClientSampleId :
SG-OFF-SITEDL

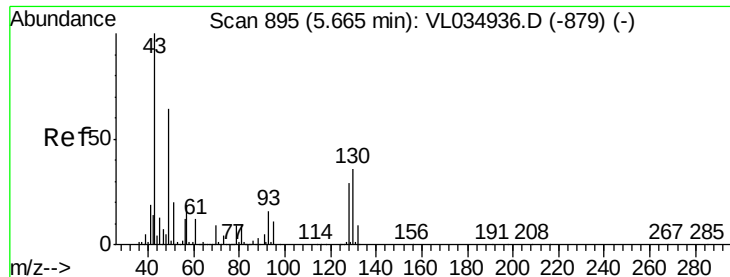
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Quant Time: May 15 05:19:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL035030.D

Acq: 14 May 2020 21:35

Instrument :

MSVOA_L

ClientSampleId :

SG-OFF-SITEDL

Tot Ion: 49 Resp: 1186540

Ion Ratio Lower Upper

49 100

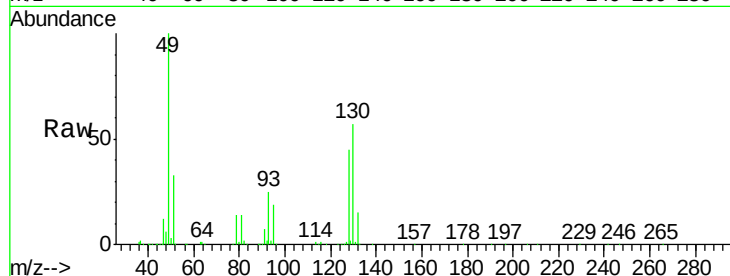
128 45.0 22.1 66.5

130 58.3 29.1 87.3

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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

800000

600000

400000

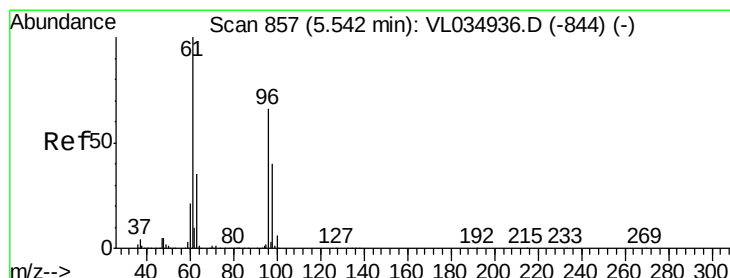
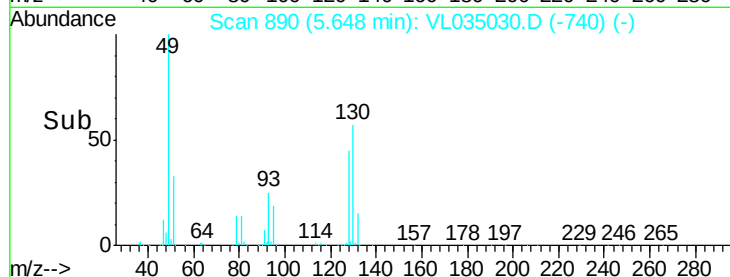
200000

0

5.60 5.65 5.70

Time-->

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#31

cis-1,2-Dichloroethene

Concen: 0.107 ppbv m

RT: 5.53 min Scan# 854

Delta R.T. -0.01 min

Lab File: VL035030.D

Acq: 14 May 2020 21:35

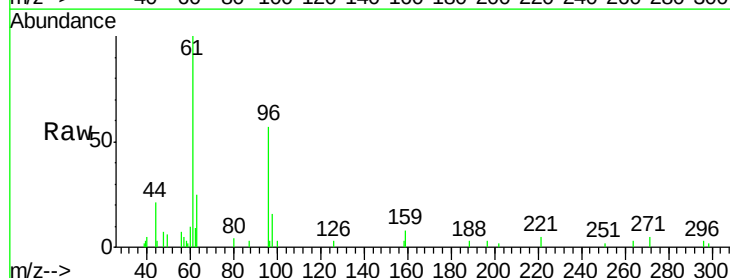
Tgt Ion: 61 Resp: 11911

Ion Ratio Lower Upper

61 100

96 57.0 53.0 79.6

98 16.4 32.2 48.2#



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

10000

8000

6000

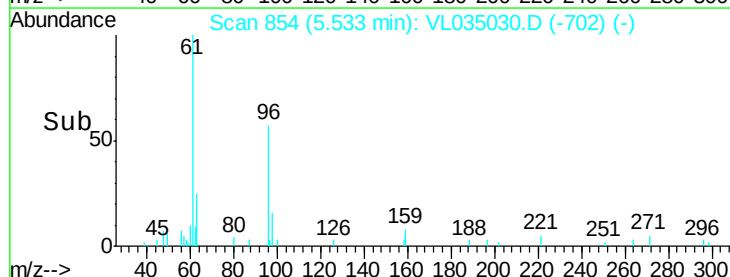
4000

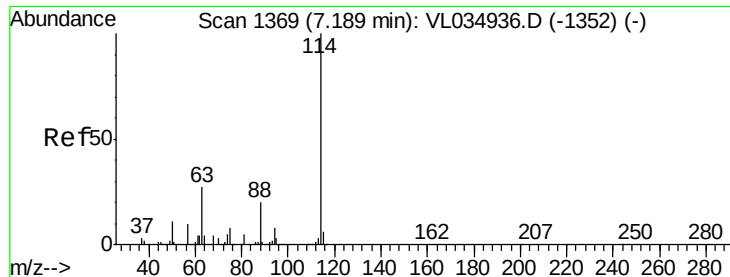
2000

0

5.50 5.55 5.60

Time-->





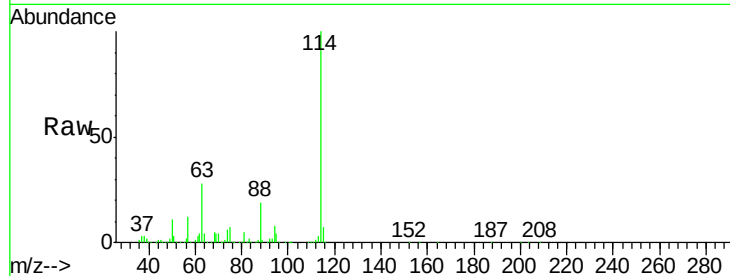
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VL035030.D
 Acq: 14 May 2020 21:35

Instrument :
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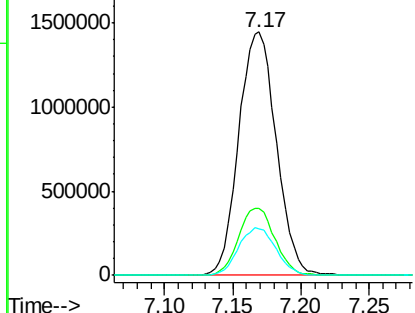
Tot Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	19.5	15.5	23.3

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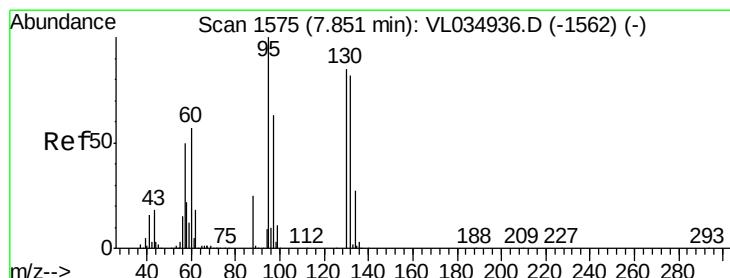
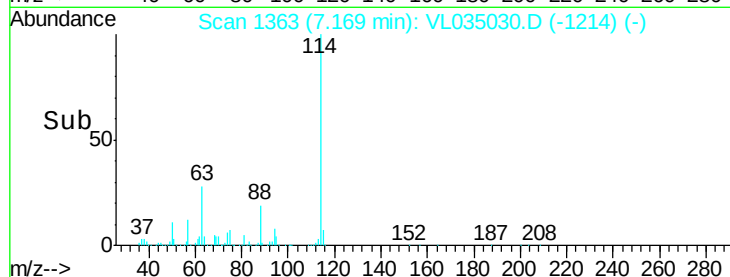
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Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



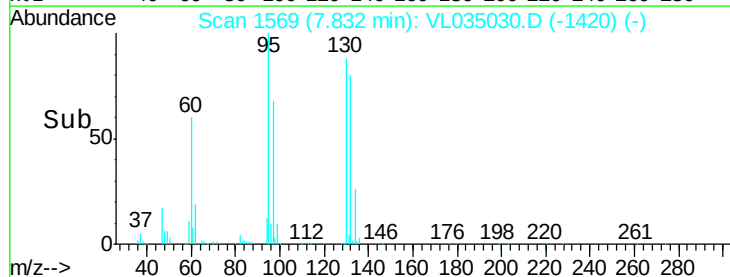
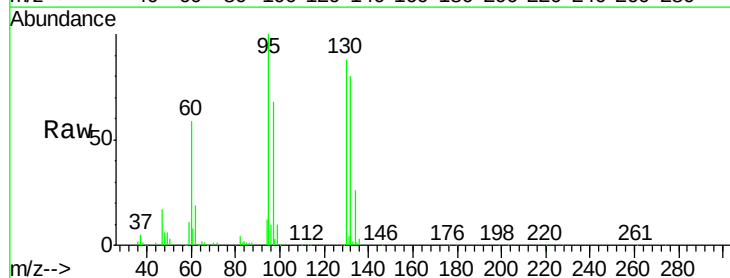
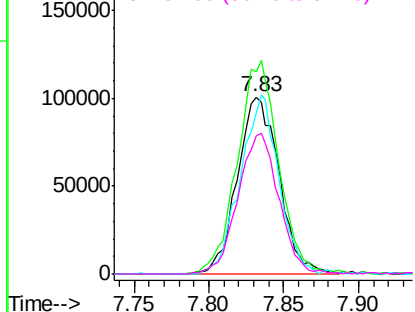
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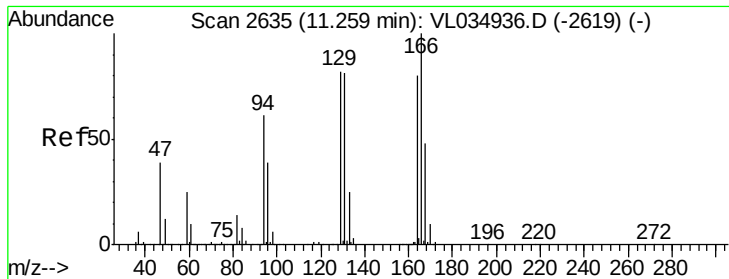


#38
 Trichloroethene
 Concen: 2.213 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.02 min
 Lab File: VL035030.D
 Acq: 14 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	113.5	93.4	140.0
132	91.2	76.4	114.6
97	78.1	58.5	87.7

Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0





#52
Tetrachloroethene
Concen: 6.106 ppbv
RT: 11.24 min Scan# 2628
Delta R.T. -0.02 min
Lab File: VL035030.D
Acq: 14 May 2020 21:35

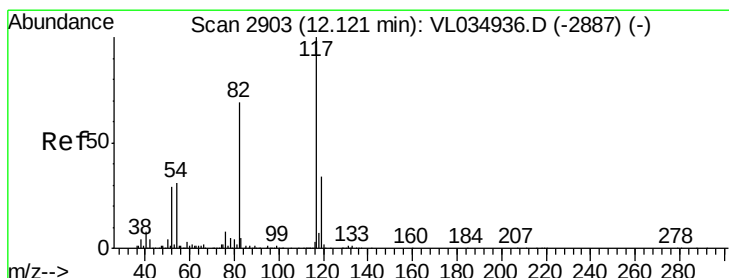
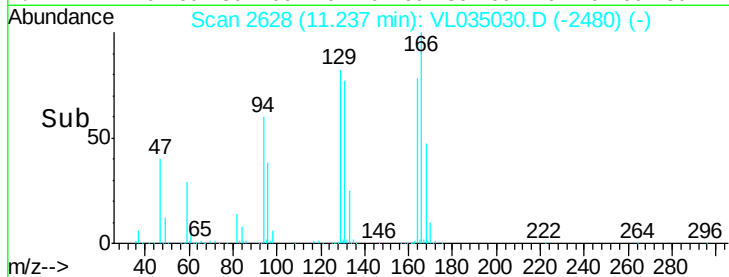
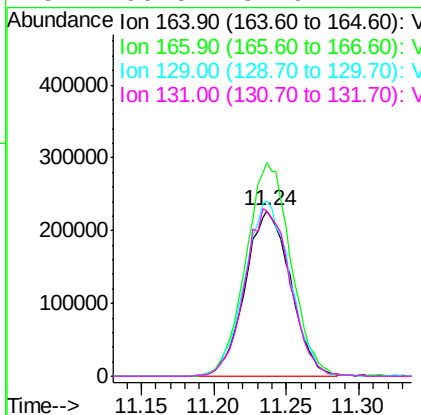
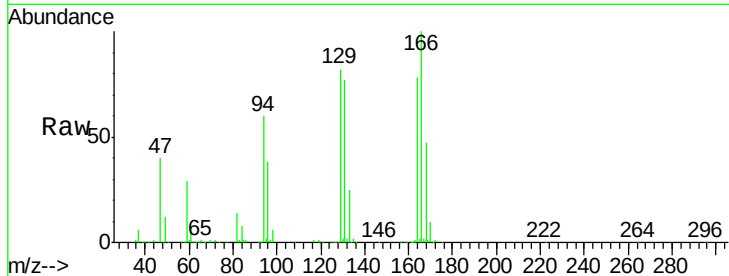
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Tot Ion	Ratio	Lower	Upper
164	100		
166	128.7	100.7	151.1
129	105.7	83.0	124.4
131	99.5	81.0	121.4

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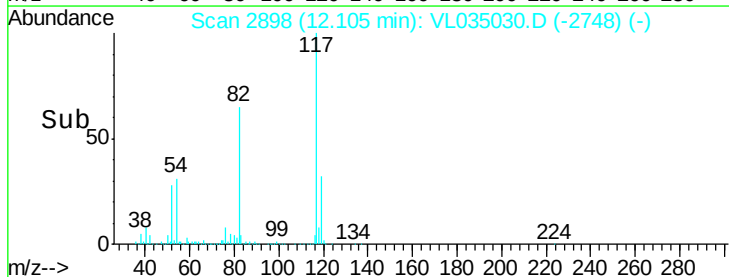
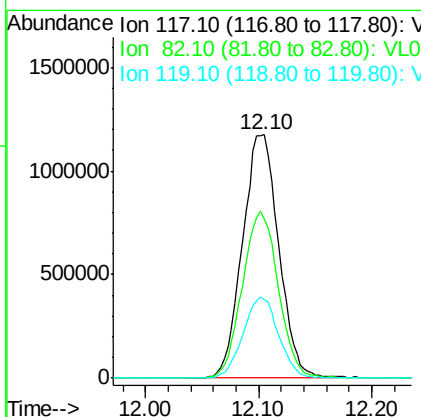
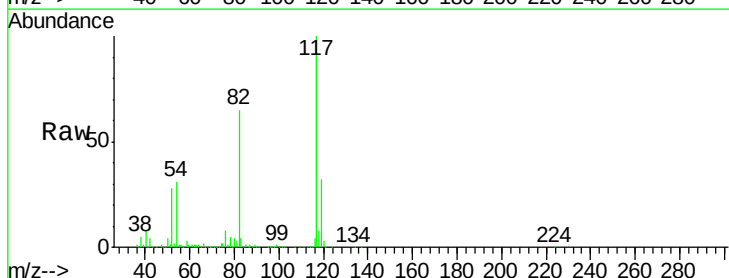
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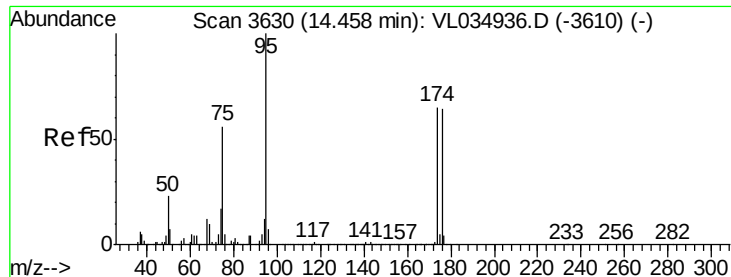
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VL035030.D
Acq: 14 May 2020 21:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	68.1	53.1	79.7
119	32.8	26.7	40.1





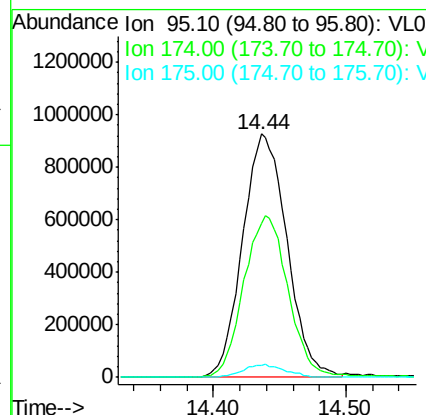
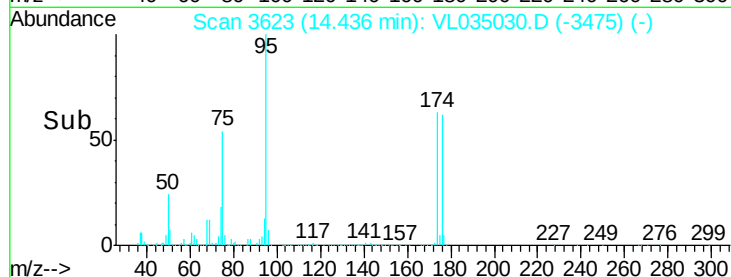
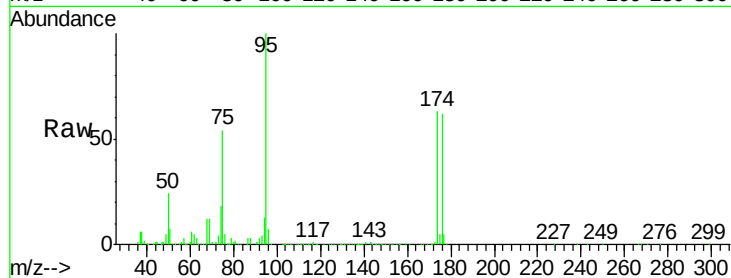
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.149 ppbv
 RT: 14.44 min Scan# 3623
 Delta R.T. -0.02 min
 Lab File: VL035030.D
 Acq: 14 May 2020 21:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-OFF-SITEDL

Tot Ion	Ratio	Lower	Upper
95	100		
174	67.3	51.5	77.3
175	5.1	3.8	5.8

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